

ORIGINAL  
**APS**



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December 1, 2009

Mr. Steve Olea  
Utilities Division  
Arizona Corporation Commission  
1200 West Washington  
Phoenix, Arizona 85007

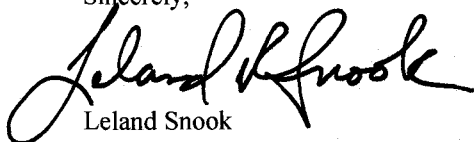
RE: Self-Certification of Environmental Compatibility for the Sundance to Pinal South 230-kV  
Transmission Line Project, Decision No. 70325  
DOCKET NO. L-00000D-07-0682-00136

Dear Mr. Olea:

Pursuant to Decision No. 70325, dated April 29, 2008, Condition No. 16, Arizona Public Service Company files this self-certification letter and documentation for the Sundance to Pinal South 230-kV Transmission Line Project.

If you should have any questions, please contact Jeff Johnson at (602)250-2661.

Sincerely,

  
Leland Snook

LS/sl

Attachments

cc: Docket Control  
Arizona Corporation Commission

Brian Bozzo  
Compliance and Enforcement  
Arizona Corporation Commission


John Foreman, Chariman  
Arizona Power Plant &  
Line Siting Committee  
Office of the Attorney General

Jim Arwood, Sr. Director  
Arizona Department of Commerce Energy Office

Herb Guenther, Director  
Arizona Department of Water Resources

Arizona Corporation Commission  
**DOCKETED**

DEC - 1 2009

DOCKETED BY	
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AZ CORP COMMISSION  
DOCKET CONTROL

2009 DEC - 1 P 4: 38

RECEIVED



**Sundance to Pinal Central  
(South) 230-kV  
Transmission Line Project**

Docket No. L-00000D-07-0682-00136  
Arizona Corporation Commission  
Decision No. 70325

***Certificate of Environmental  
Compatibility Compliance***

December 2009

ARIZONA PUBLIC SERVICE  
SUNDANCE TO PINAL CENTRAL (SOUTH) 230-kV TRANSMISSION  
LINE PROJECT

*Summary of Certificate of Environmental Compatibility  
Compliance*

INTRODUCTION:

Arizona Public Service Company (APS) is submitting the following self-certification documentation pursuant to Condition 16 of the Sundance to Pinal Central (South) 230-kV Transmission Line Project, Certificate of Compatibility Case No. 136, Docket No. L-00000D-07-0682-00136, Decision No. 70325.

APS is preparing for the first phase of construction, which will be confined to the Sundance Generating Station (Sundance) site and includes the line route from the existing Western Area Power Administration 230-kV substation adjacent to the existing Sundance plant to a new 230/69-kV substation to be located on APS property. Subsequent compliance filings will address future phases of project development prior to the start of construction of those segments.

The following Condition Table lists all the requirements and the status of compliance activities. Each tab thereafter references applicable compliance documentation.

**Arizona Public Service**  
**Summary of Certificate of Environmental Compatibility Compliance**  
***Sundance to Pinal Central (South) 230-kV Transmission Project***

<b>Certificate Condition</b>	<b>Compliance</b>
1. The Applicant shall obtain all required approvals and permits necessary to construct the Project.	A summary of permits and approvals is attached.
2. The Applicant shall comply with all existing applicable ordinances, master plans and regulations of the State of Arizona, the County of Pinal, the United States, and any other governmental entities having jurisdiction.	Compliance with this Condition is covered under response to Condition 1. Future permitting activities will be added as applicable.
3. This authorization to commence construction of the Project shall expire seventeen years from the date the Certificate is approved by the Commission; provided, however, that prior to such expiration the Applicant or its assignees may request that the Commission extend this time limitation.	Project was certificated April 29, 2008. Authorization to construct the Project expires April 29, 2025. An extension of the term of the Certificate is not required as of this filing.
4. The Applicant shall make every reasonable effort to identify and correct, on a case-specific basis, all complaints of interference with radio or television signals from operation of the transmission lines and related facilities addressed in this Certificate. The Applicant shall maintain written records for a period of five years of all complaints of radio or television interference attributable to operation, together with the corrective action taken in response to each complaint. All complaints shall be recorded to include notations on the corrective action taken. Complaints not leading to a specific action or for which there was no resolution shall be noted and explained.	Final construction for this project is not complete as of November 1, 2009; however, activities and documents related to this Condition will be provided when applicable.
5. The Applicant shall comply with the notice and salvage requirements of the Arizona Native Plant Law and shall, to the extent feasible, minimize the destruction of native plants during Project construction.	The first phase of this project is confined to the Sundance Generating Station property. This area is used for agricultural purposes and no qualifying plant species are present in the initial area of project development.  Final design has not been completed for the remaining phases of the project as of November 1, 2009; however, compliance activities and documents related to this Condition will be provided when applicable.
6. Pursuant to A.R.S. § 41-844, if any archaeological, paleontological or historical site or object that is at least fifty years old is discovered on state, county or municipal land during plan-related activities, the person in charge shall promptly report the discovery to the Director of the Arizona State Museum, and in consultation with the Director, shall immediately take all reasonable steps to secure and maintain the preservation of the discovery. If human remains and or funerary objects are encountered on private land during the course of any ground-disturbing activities relating to the development of the subject property, Applicant shall cease work on	No archaeological, paleontological, or historical sites have been identified for the initial phase of the project. If any of these objects are encountered during ground-disturbing activities, APS will comply with the requirements as set forth in this condition.

**Arizona Public Service**  
**Summary of Certificate of Environmental Compatibility Compliance**  
***Sundance to Pinal Central (South) 230-kV Transmission Project***

Certificate Condition	Compliance
the affected area of the Project and notify the Director of the Arizona State Museum pursuant to A.R.S. § 41-865.	Final design has not been completed for the remaining phases of the project as of November 1, 2009; however, compliance activities and documents related to this Condition will be provided when applicable.
7. The Applicant shall design the transmission lines so as to mitigate impacts to raptors.	<p>This Condition has been accommodated as part of the design for the initial phase of the project.</p> <p>Final design has not been completed for the remaining phases of the project as of November 1, 2009; however, compliance activities and documents related to this Condition will be provided when applicable.</p>
8. The Applicant shall use non-specular conductor and dulled surfaces for transmission line structures.	<p>This Condition has been accommodated as part of the design for the initial phase of the project.</p> <p>Final design has not been completed for the remaining phases of the project as of November 1, 2009; however, compliance activities and documents related to this Condition will be provided when applicable.</p>
<p>9. Within 120 days of the Commission decision granting this Certificate, Applicant will post signs in public rights-of-way giving notice of the Project corridor to the extent authorized by law. The Applicant shall place signs in prominent locations at reasonable intervals such that the public is notified along the full length of the transmission line until the transmission structures are constructed. To the extent practicable, within 45 days of securing easement or right-of-way for the Project, the Applicant shall erect and maintain signs providing public notice that the property is the site of a future transmission line. Such signage shall be no smaller than a normal roadway sign. The signs shall advise:</p> <p>(a) That the site has been approved for the construction of Project facilities;</p> <p>(b) The expected date of completion of the Project facilities;</p> <p>(c) A phone number for public information regarding the Project;</p> <p>(d) The name of the Project;</p>	<p>APS posted signage in public rights-of-way on August 14, 2008 giving notice of the project corridor. An example of these signs, as well as a map identifying the locations of these signs was submitted in the 2008 filing.</p> <p>APS has obtained additional private right-of-way for the project during this filing cycle. Signs were erected within the 45 day timeframe as required. A picture of these signs is attached.</p>

**Arizona Public Service**  
**Summary of Certificate of Environmental Compatibility Compliance**  
***Sundance to Pinal Central (South) 230-kV Transmission Project***

Certificate Condition	Compliance
<p>(e) The name of the Applicant; and</p> <p>(f) The Applicant's website.</p> <p>Sign placement will be reported annually in accordance with Condition 16.</p>	
<p>10. Before construction on this Project may commence, the Applicant must file a construction mitigation and restoration plan ("Plan") with ACC Docket Control. Where practicable, the Plan shall specify that the Applicant use existing roads for construction and access, minimize impacts to wildlife, minimize vegetation disturbance outside of the Project right-of-way, and revegetate native areas following construction disturbance.</p>	<p>A Construction Mitigation and Restoration Plan for the initial phase of the project was filed with ACC Docket Control on November 10, 2009. An addendum to this plan will be submitted at such time that subsequent phases of the project are constructed.</p>
<p>11. With respect to the Project, Applicant shall participate in good faith in state and regional transmission study forums to coordinate transmission expansion plans related to the Project and to resolve transmission constraints in a timely manner.</p>	<p>The APS local transmission planning process is coordinated with other regional utilities, including Western Area Power Administration and Salt River Project through recurring quarterly joint-coordination meetings, as well as other day-to-day communication. This transparency has fostered the development of electric infrastructure that has maintained reliability and met load growth. In addition to its local planning process, APS coordinates its transmission planning with other transmission providers and stakeholders in the Desert Southwest, and the Western Interconnection as a whole, through its active participation in the Southwest Area Transmission (SWAT) planning group, membership in WestConnect, membership in the Western Electricity Coordinating Council (WECC) and participation in the WECC Transmission Expansion Planning Policy Committee (TEPPC) and its Technical Advisory Subcommittee (TAS).</p>
<p>12. The Applicant shall provide copies of this Certificate to Pinal County Planning and Development, the Arizona State Land Department, the State Historic Preservation Office, and the Arizona Game and Fish Department.</p>	<p>The CEC was published on the APS siting website (<a href="http://www.aps.com/siting">www.aps.com/siting</a>) within 10 days of receiving the CEC. In addition, each of the jurisdictions and agencies were sent individual</p>

**Arizona Public Service**  
**Summary of Certificate of Environmental Compatibility Compliance**  
***Sundance to Pinal Central (South) 230-kV Transmission Project***

Certificate Condition	Compliance
	copies (via certified mail) of the CEC approval on June 26, 2008.
<p>13. Prior to the date this transmission line is put into commercial service, the Applicant shall provide known homebuilders and developers within one mile of the center line of the Certificate route the identity, location, and a pictorial depiction of the type of power line being constructed, accompanied by a written description, and encourage the developers and homebuilders to include this information in the developers' and homebuilders' homeowners' disclosure statements.</p>	<p>APS will comply with this condition prior to the initial phase of the transmission line being put into commercial service. Additional notifications will be delivered to homebuilders and developers to correspond with subsequent phases of construction.</p>
<p>14. The Applicant will not construct the Project on any portion of the existing Pinal County Fairgrounds, a 120+/- acre parcel, owned by Pinal County, described as N1/2 SE 1/4 and the SE1/4 NE1/4 Section 25, T6S, R7E, G&amp;SRB&amp;M, Pinal County, Arizona, without the prior written consent of Pinal County.</p>	<p>Final design or construction for the project is not complete as of November 1, 2009; however, activities and documents related to this Condition will be provided when applicable.</p>
<p>15. Before commencing construction of Project facilities located parallel to and within 100 feet of any existing natural gas or hazardous liquid pipeline, the Applicant shall:</p> <p>(a) Perform the appropriate grounding and cathodic protection studies to show that the Project's location parallel to and within 100 feet of such pipeline results in no material adverse impacts to the pipeline or to public safety when both the pipeline and the Project are in operation. If material adverse impacts are noted in the studies, Applicant shall take appropriate steps to ensure that such material adverse impacts are mitigated. Applicant shall provide to Commission Staff reports of studies performed; and</p> <p>(b) Perform a technical study simulating an outage of the Project that may be caused by the collocation of the Project parallel to and within 100 feet of the existing natural gas or hazardous liquid pipeline. This study should either: i) show that such outage does not result in customer outages; or ii) include operating plans to minimize any resulting customer outages. Applicant shall provide a copy of this study to Commission Staff.</p>	<p>The initial phase of the project has a single perpendicular crossing of an existing natural gas pipeline; therefore no studies are required per this Condition. APS has determined that no negative impacts to the pipeline would occur from the presence of the project nor would there be any electrical customer outages resulting from an outage of the gas pipeline.</p> <p>Final design has not been completed for the remaining phases of the project as of November 1, 2009; however, compliance activities and documents related to this Condition will be provided when applicable.</p>
<p>16. The Applicant shall submit a self-certification letter annually, identifying progress made with respect to each condition contained in the Certificate, including which conditions have been met. Each letter shall be submitted to the Utilities Division Director on December 1 beginning in 2008. Attached to each certification letter shall be documentation explaining how compliance with each condition was achieved. Copies of each letter along with the corresponding documentation shall be submitted to the Arizona Attorney General and Department of Commerce Energy Office. The requirement for the self-certification shall expire on the date the Project is placed into operation.</p>	<p>Compliance with this Condition is evidenced by the submission of this filing.</p>

**Arizona Public Service**  
**Summary of Certificate of Environmental Compatibility Compliance**  
***Sundance to Pinal Central (South) 230-kV Transmission Project***

<b>Certificate Condition</b>	<b>Compliance</b>
17. Applicant will follow the latest Western Electricity Coordinating Council/North American Electric Reliability Corporation Planning standards as approved by the Federal Energy Regulatory Commission, and National Electrical Safety Code construction standards.	This Condition has been accommodated as part of the design for the initial phase of the project. Documents related to future phases of this Condition will be provided when applicable.



### **CONDITION 1**

The Applicant shall obtain all required approvals and permits necessary to construct the Project.

### **COMPLIANCE**

As of November 1, 2009, APS has applied for the following permits and approvals associated with the Sundance to Pinal South 230-kV Project. The following table lists the status of these permits or approvals

<b>ISSUING/APPROVING AGENCY</b>	<b>TYPE</b>	<b>APPLICATION/APPROVAL STATUS</b>
Arizona State Land Department	Transmission Line Rights-of-Way	Submitted 6-18-09 Pending

## **CONDITION 9**

Within 120 days of the Commission decision granting this Certificate, Applicant will post signs in public rights-of-way giving notice of the Project corridor to the extent authorized by law. The Applicant shall place signs in prominent locations at reasonable intervals such that the public is notified along the full length of the transmission line until the transmission structures are constructed. To the extent practicable, within 45 days of securing easement or right-of-way for the Project, the Applicant shall erect and maintain signs providing public notice that the property is the site of a future transmission line. Such signage shall be no smaller than a normal roadway sign. The signs shall advise:

- (a) That the site has been approved for the construction of Project facilities;
- (b) The expected date of completion of the Project facilities;
- (c) A phone number for public information regarding the Project;
- (d) The name of the Project;
- (e) The name of the Applicant; and
- (f) The Applicant's website.

Sign placement will be reported annually in accordance with Condition 16.

## **COMPLIANCE**

APS posted signage in public rights-of-way giving notice of the project corridor. Examples of these signs are attached.



**APPROVED  
POWER LINE  
CORRIDOR**



**SUNDANCE POWER PLANT TO  
PINAL CENTRAL SUBSTATION**  
*(FORMERLY PINAL SOUTH)*

**230kV TRANSMISSION PROJECT**

**APPROXIMATE IN-SERVICE DATE: 2011**

**FOR MORE INFORMATION CONTACT:**

**602-371-7033**

**WWW.APS.COM/SITING**





**APPROVED**

**Sundance to Pinal Central 230/69kV  
Transmission Line Project Right of Way**

**Expected completion:  
2011-2013**



**For Information:  
(602) 371-7033  
<http://SITING.APS.COM>**